

02-19-04

Docket No. 6353/P1/DSM/LOW K/JW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Inventor(s): Howard Li, L. Luo, I. Iliopoulos and M. Armacost
Title: INTEGRATED EQUIPMENT SET FOR FORMING A LOW K DIELECTRIC INTERCONNECT ON A SUBSTRATE
Serial No.: 10/759,801
Filed: January 16, 2004



Transmitted herewith is:

- ☒ Information Disclosure Statement
☒ PTO Form 1449 with thirteen cited references
☒ Return Postcards

FEE CALCULATION

| Fee Items | Claims Filed | Included With Basic Fee | Extra Claims | Fee Rate | Total |
|--------------------|--------------|-------------------------|--------------|-----------|---------------|
| Total Claims | N/A | - 20 = | -0- | X \$18.00 | \$0.00 |
| Independent Claims | N/A | - 3 = | -0- | X \$84.00 | \$0.00 |
| Basic Filing Fee | | | | \$740.00 | \$0.00 |
| TOTAL FEES | | | | | \$0.00 |

☐ The Commissioner is hereby authorized to charge \$0.00 to Deposit Account No. 04-1696.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1696. A duplicate copy of this transmittal is enclosed.

☒ Please address all future correspondence to:
**PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

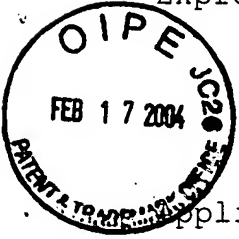
Express Mail Receipt No. EL975550624USDate of Deposit: 2/17/04Signature: [Signature]

Respectfully submitted,

[Signature]
Brian M. Dugan
Registration No. 41,720
(914) 332-9081

Express Mail Label No. EL975550624US

PATENTS
6353/P1/DSM/LOW K/JW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Howard Li, et al.
Serial No. : 10/759,801
Filed : January 16, 2004
For : INTEGRATED EQUIPMENT SET FOR FORMING A LOW K
DIELECTRIC INTERCONNECT ON A SUBSTRATE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,
applicants wish to call the attention of the Examiner to the
following references:

U.S. Patent No. 5,408,450, Mozumder et al.
U.S. Patent No. 6,004,706, Ausschnitt et al.
U.S. Patent No. 6,213,848 B1, Campbell et al.
U.S. Patent No. 6,148,239, Funk et al.
U.S. Patent No. 6,304,999 B1, Toprac et al.
U.S. Patent No. 6,405,144 B1, Toprac et al.
U.S. Patent No. 6,408,220 B1, Nulman
U.S. Patent No. 6,454,899 B1, Campbell et al.

U.S. Patent No. 6,486,492 B1, Su

U.S. Patent No. 6,546,306 B1, Bushman et al.

U.S. Patent No. 6,587,744 B1, Stoddard et al.

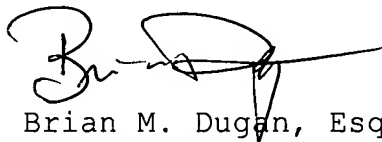
U.S. Patent No. 6,625,497 B2, Fairbairn et al.

U.S. Patent No. 6,625,514 B1, Lensing

These references are also listed on the accompanying
Information Disclosure Statement (Form PTO-1449).

Consideration of the foregoing in relation to this
patent application is respectfully requested.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Brian M. Dugan", with a stylized flourish extending from the end.

Brian M. Dugan, Esq.
Registration No. 41,720
Dugan & Dugan, PC
Attorneys for Applicants
(914)332-9081

Dated: February 17, 2004
Tarrytown, New York

U.S. Department of Commerce, Patent and Trademark Office

Docket No.:

6353/P1/DSM/LOW K/JW

Serial No.:

10/759,801

LIST OF RELEVANT ART CITED BY APPLICANT

(Use several sheets if necessary)

Applicants:

Howard Li, et al

Filing Date:

January 16, 2004

Group:

U.S. Patent Documents

| *Examiner Initial | | Document Number | Issue Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-------|-----------------|------------|-------------------|-------|----------|----------------------------|
| | US-1 | 5,408,450 | 04/18/95 | Mozumder et al. | | | |
| | US-2 | 6,004,706 | 12/21/99 | Ausschnitt et al. | | | |
| | US-3 | 6,213,848 B1 | 04/10/01 | Campbell et al. | | | |
| | US-4 | 6,148,239 | 11/14/00 | Funk et al. | | | |
| | US-5 | 6,304,999 B1 | 10/16/01 | Toprac et al. | | | |
| | US-6 | 6,405,144 B1 | 06/11/02 | Toprac et al. | | | |
| | US-7 | 6,408,220 B1 | 06/18/02 | Nulman | | | |
| | US-8 | 6,454,899 B1 | 09/24/02 | Campbell et al. | | | |
| | US-9 | 6,486,492 B1 | 11/26/02 | Su | | | |
| | US-10 | 6,546,306 B1 | 04/08/03 | Bushman et al. | | | |
| | US-11 | 6,587,744 B1 | 07/01/03 | Stoddard et al. | | | |

Foreign Patent Documents

Translation

| | | Document Number | Date | Country | Class | Subclass | Yes | No |
|--|-----|-----------------|------|---------|-------|----------|-----|----|
| | F-1 | | | | | | | |
| | F-2 | | | | | | | |
| | F-3 | | | | | | | |
| | F-4 | | | | | | | |
| | F-5 | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | OT-1 | |
| | OT-2 | |
| | OT-3 | |

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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|---|--|--|--|-------------------------------------|--|---------------------------|--|
| U.S. Department of Commerce, Patent and Trademark Office LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary) | | | | Docket No.: 6353/P1/DSM/LOW K/JW | | Serial No.: 10/759,801 | |
| | | | | Applicants: Howard Li, et al | | | |
| | | | | Filing Date: January 16, 2004 | | Group: | |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------------|--------------|----------|------------------|----------|----------------------------|--|
| *Examiner Initial | Document Number | Issue Date | Name | Class | Subclass | Filing Date If Appropriate | |
| | US-12 | 6,625,497 B2 | 09/23/03 | Fairbairn et al. | | | |
| | US-13 | 6,625,514 B1 | 09/23/03 | Lensing | | | |
| | US-14 | | | | | | |
| | US-15 | | | | | | |
| | US-16 | | | | | | |
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| | US-22 | | | | | | |

| Foreign Patent Documents Translation | | | | | | | | |
|--------------------------------------|------|---------|-------|----------|-----|----|--|--|
| Document Number | Date | Country | Class | Subclass | Yes | No | | |
| F-6 | | | | | | | | |
| F-7 | | | | | | | | |
| F-8 | | | | | | | | |
| F-9 | | | | | | | | |
| F-10 | | | | | | | | |

| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | |
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| OT-4 | |
| OT-5 | |
| OT-6 | |

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| Examiner | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.